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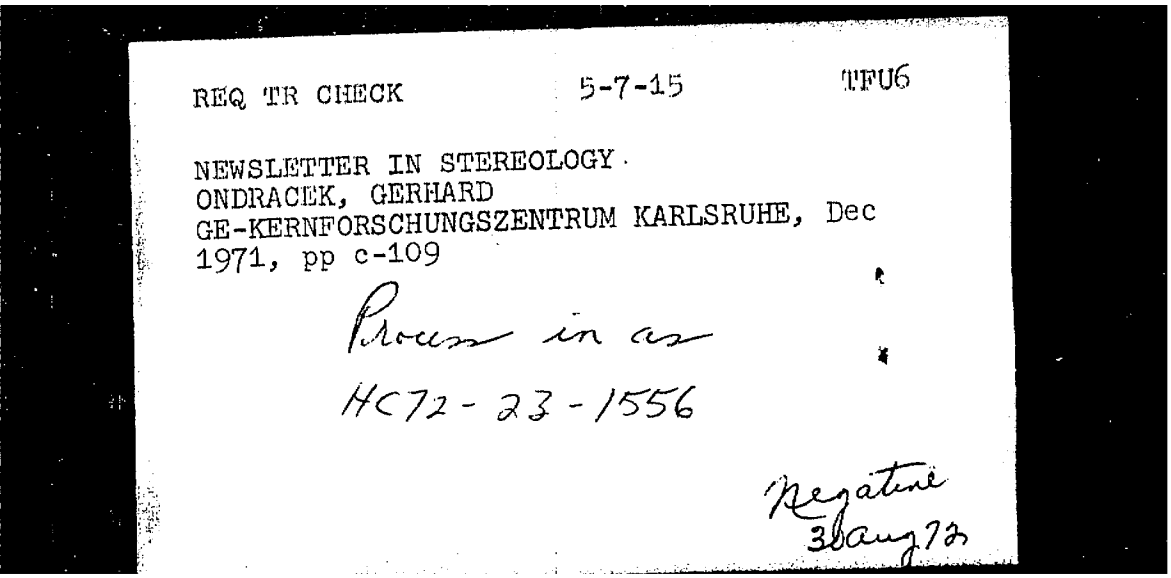

REQ TR CHECK 5-7-15 TFU6

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ONDRACEK, GERHARD
GE-KERNFORSCHUNGSZENTRUM KARLSRUHE, Dec
1971, pp c-109

Process in as
HC72-23-1556

Negative
3 Aug 72

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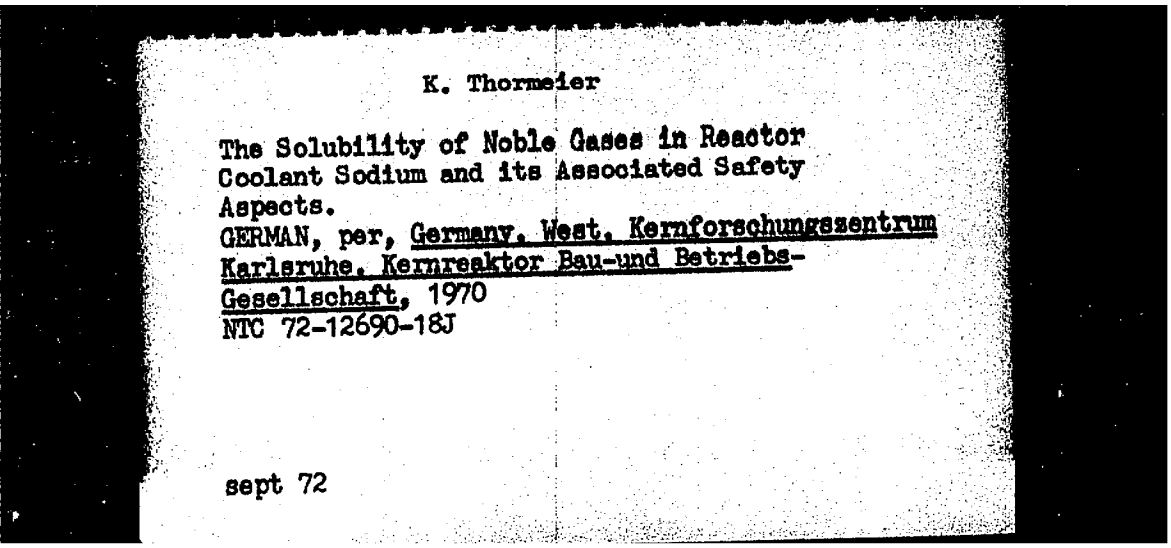

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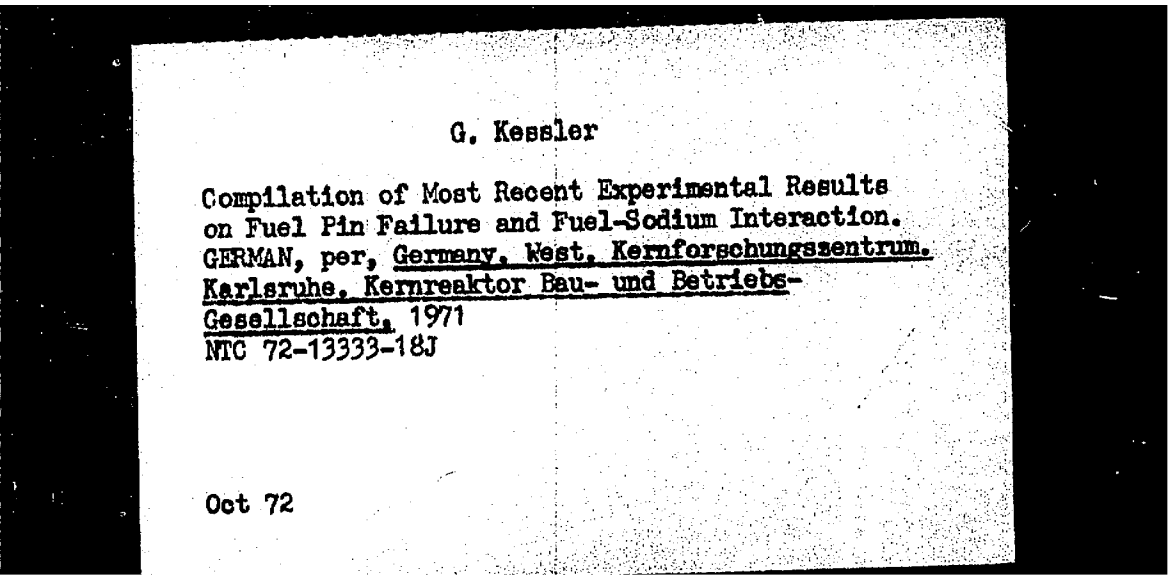

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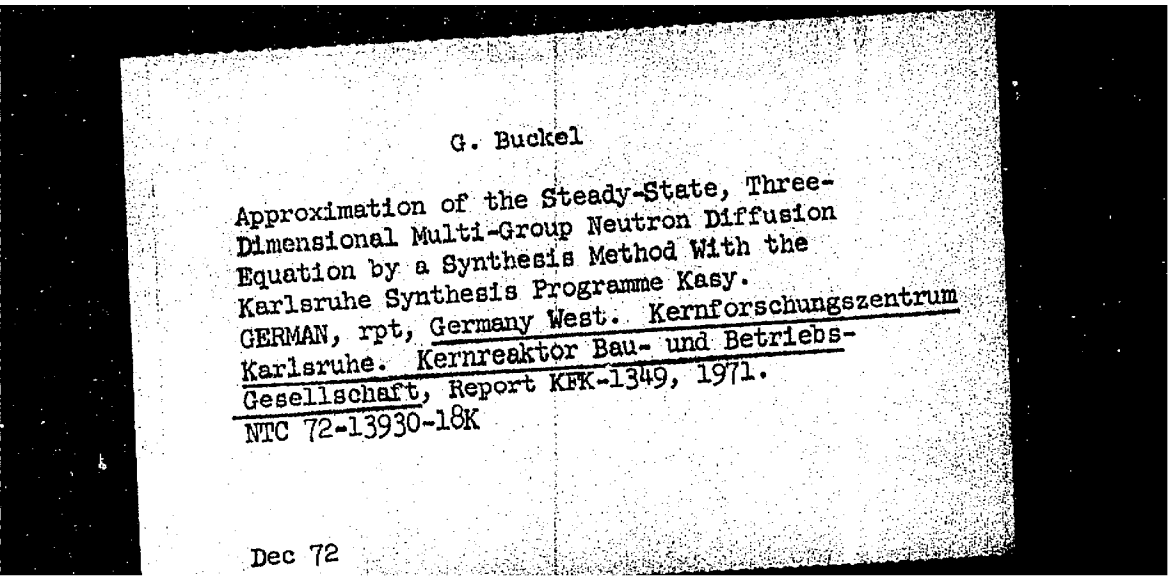

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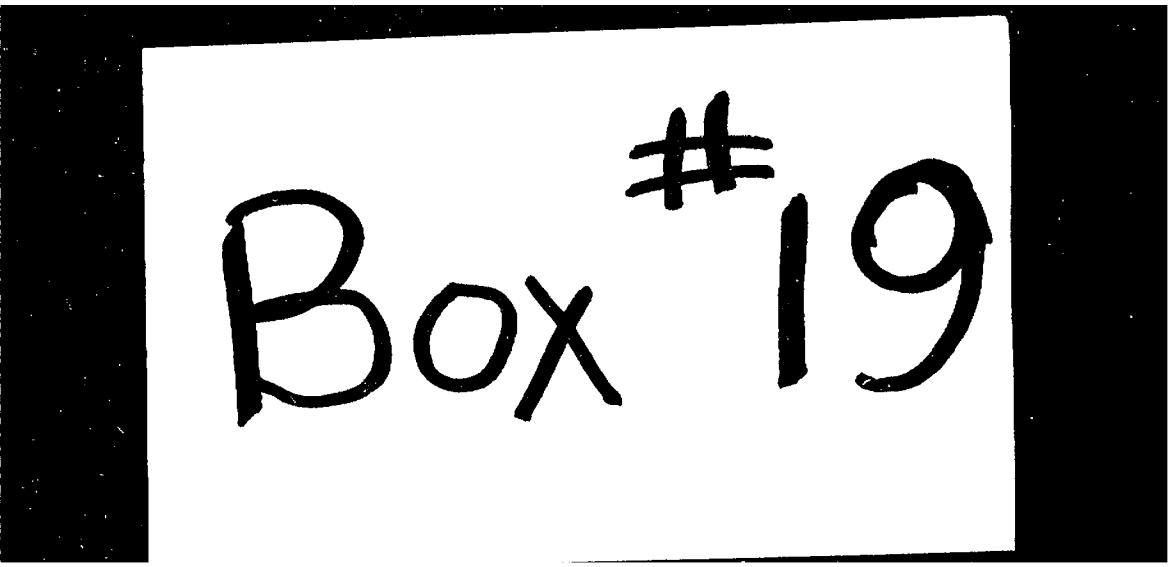

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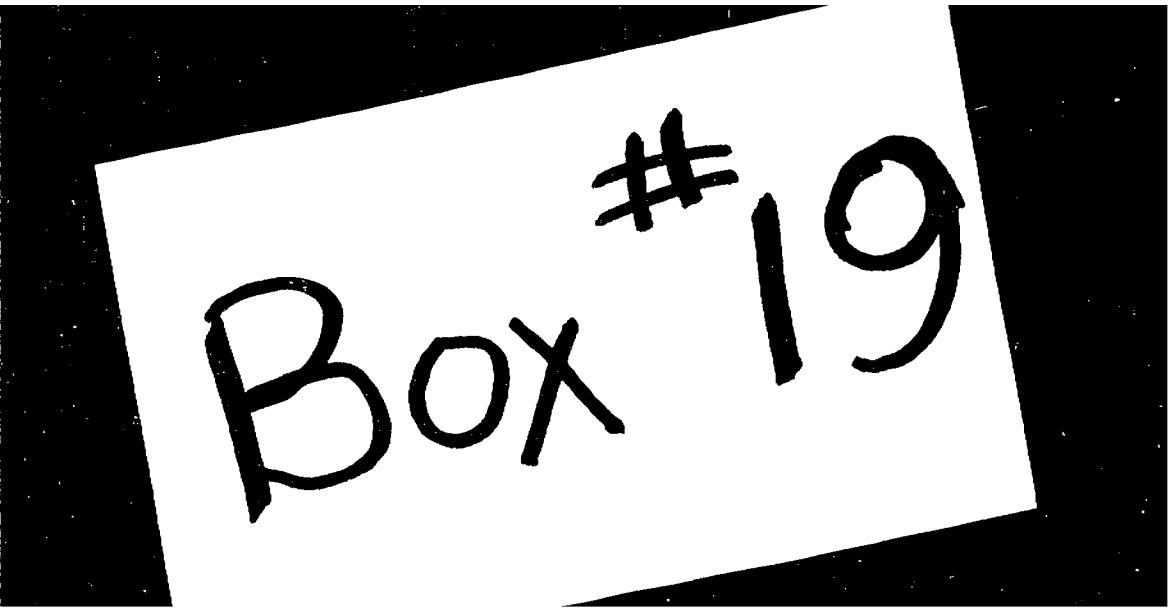

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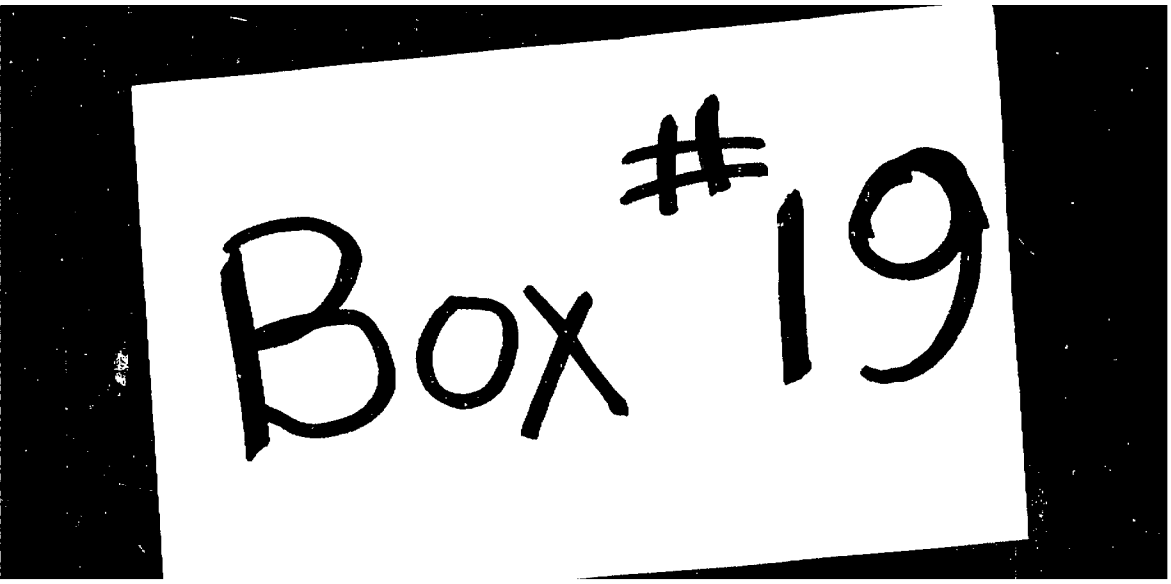

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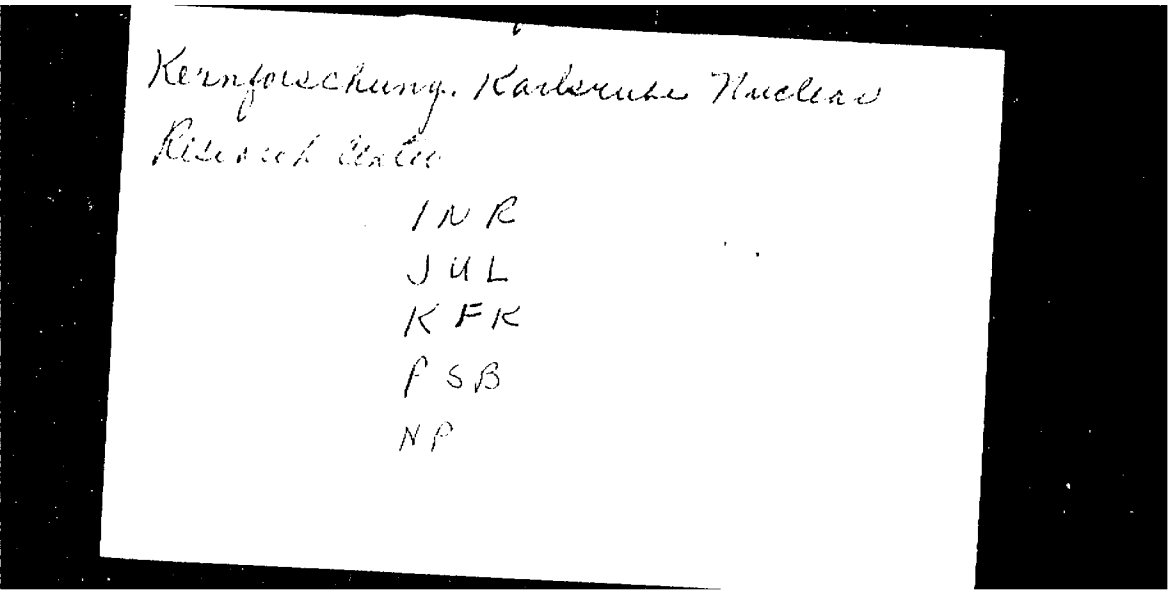

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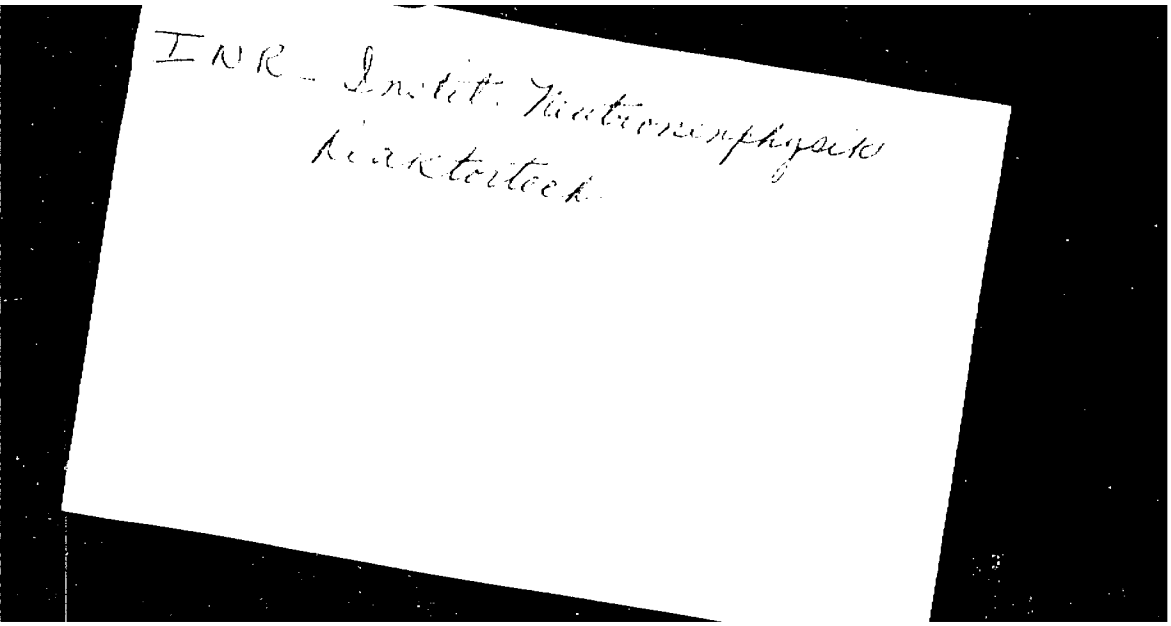

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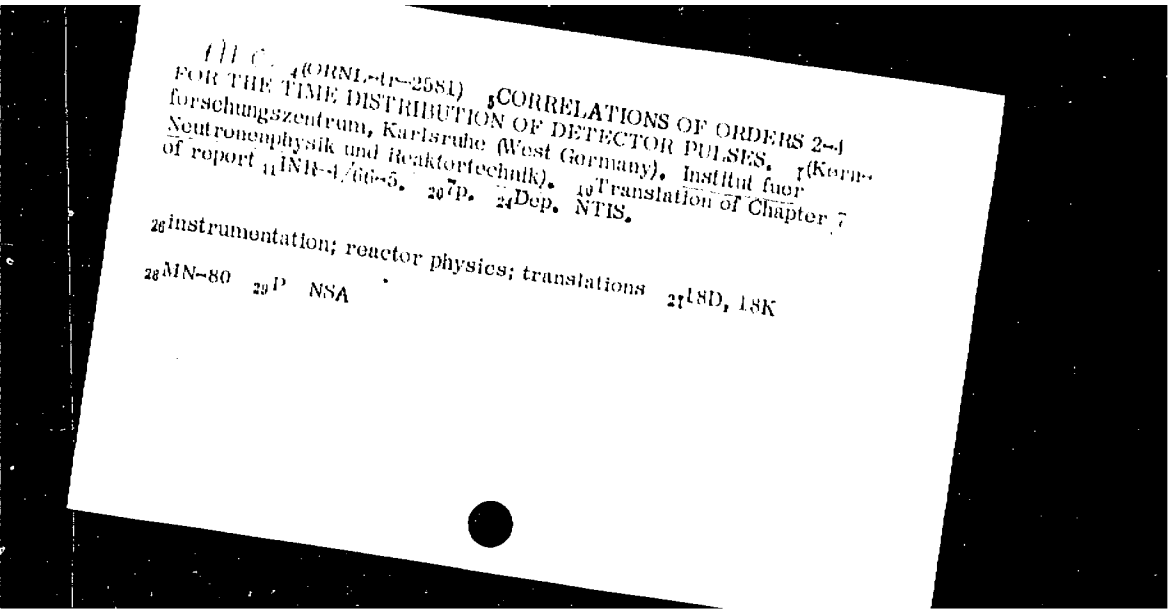

(U) C. (ORNL-tr-2581) CORRELATIONS OF ORDERS 2-4 FOR THE TIME DISTRIBUTION OF DETECTOR PULSES. (Kernforschungszentrum, Karlsruhe (West Germany). Institut fuer Neutronenphysik und Reaktortechnik). Translation of Chapter 7 of report KFK-476-5. 207p. Dep. NTIS.

instrumentation; reactor physics; translations 18D, 18K

MN-80 P NSA

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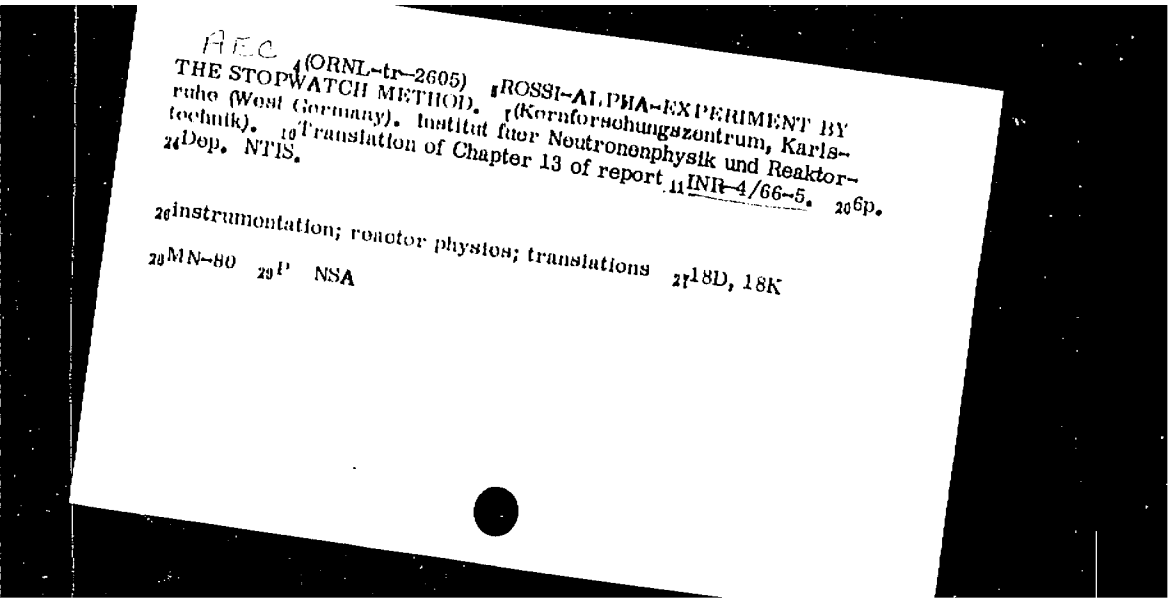

AEC

4(ORNL-tr-2605) 1ROSSI-ALPHA-EXPERIMENT BY THE STOPWATCH METHOD. 7(Kernforschungszentrum, Karlsruhe (West Germany). Institut fuer Neutronenphysik und Reaktortechnik). 10Translation of Chapter 13 of report 11INR-4/66-5. 20 6p.

24Dep. NTIS.

26instrumentation; reactor physics; translations 27 18D, 18K

28MN-80 29P NSA

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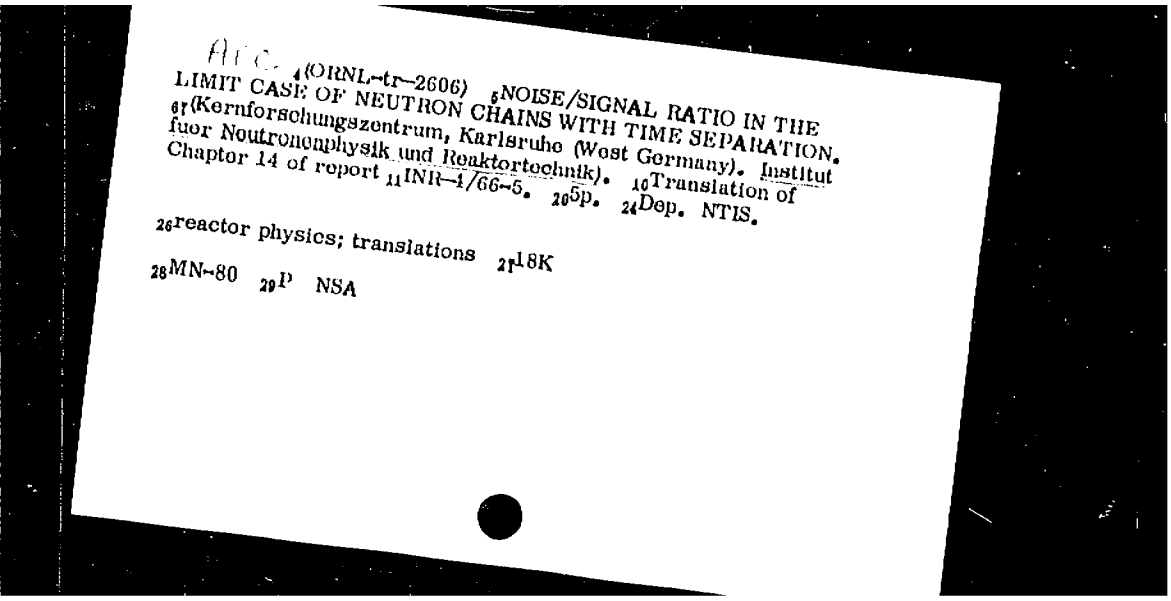

AEC [4](ORNL-tr-2606) [5]NOISE/SIGNAL RATIO IN THE LIMIT CASE OF NEUTRON CHAINS WITH TIME SEPARATION. [6]([7]Kernforschungszentrum, Karlsruhe (West Germany). Institut fuer Neutronenphysik und Reaktortechnik). [10]Translation of Chaptor 14 of report [11]INR-1/66-5. [20]5p. [24]Dep. NTIS.

[26]reactor physics; translations [27]18K

[28]MN-80 [29]P NSA

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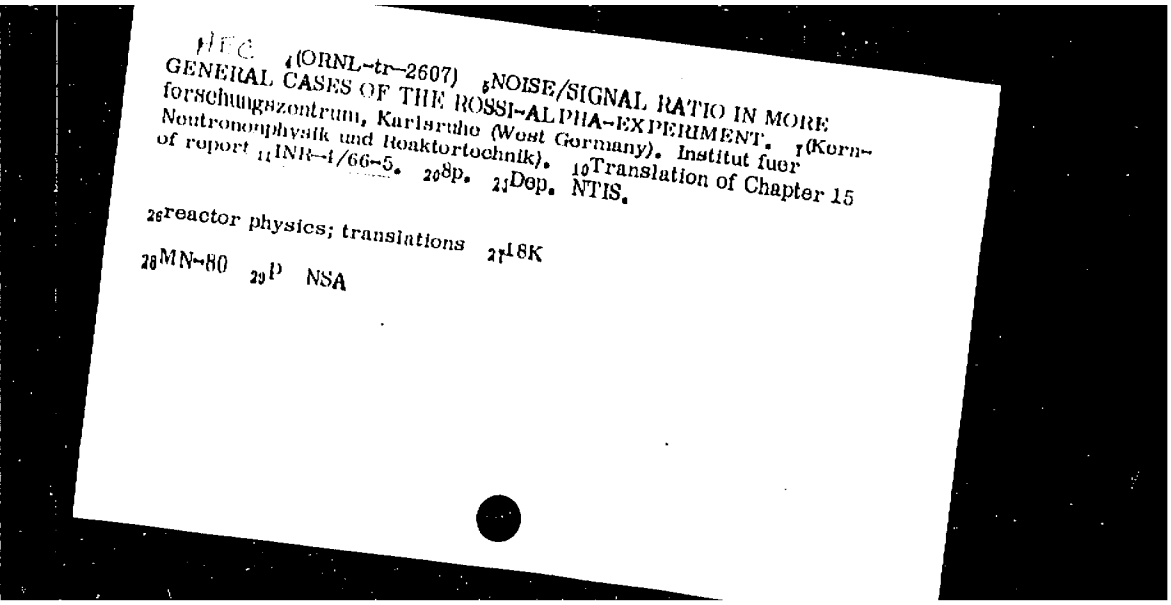

[illegible] [4](ORNL-tr-2607) [5]NOISE/SIGNAL RATIO IN MORE GENERAL CASES OF THE ROSSI-ALPHA-EXPERIMENT. [7](Kernforschungszentrum, Karlsruhe (West Germany). Institut fuer Neutronenphysik und Reaktortechnik). [10]Translation of Chapter 15 of report [11]INR-1/66-5. [20]8p. [21]Dep. NTIS.

[26]reactor physics; translations [27]18K

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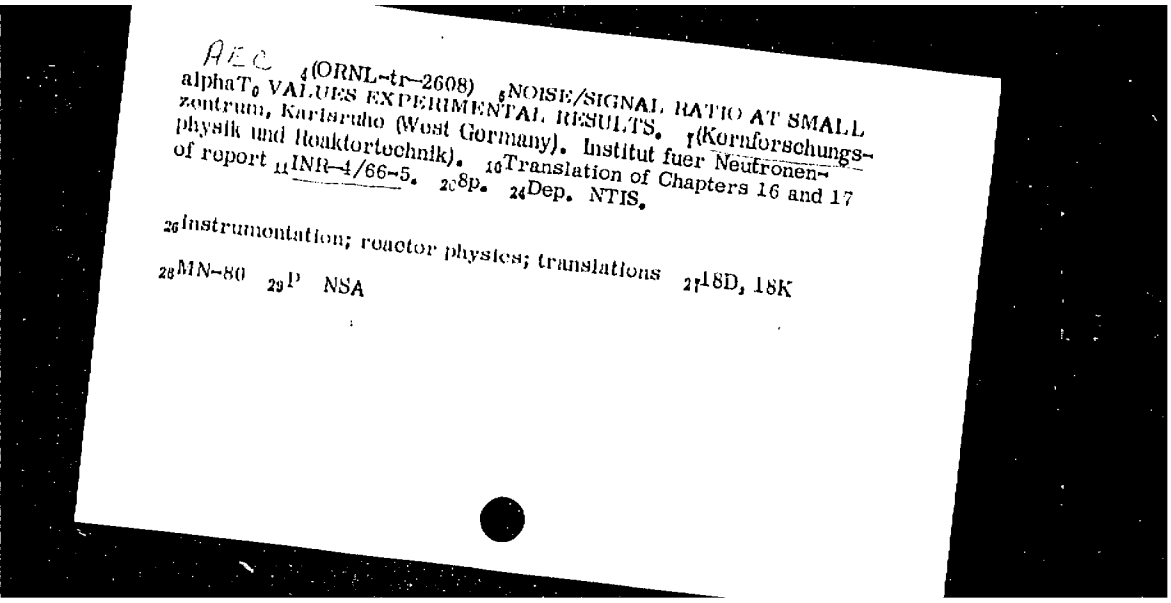

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4(ORNL-tr-2608) 5NOISE/SIGNAL RATIO AT SMALL alphaT0 VALUES EXPERIMENTAL RESULTS. 7(Kernforschungszentrum, Karlsruhe (West Germany). Institut fuer Neutronenphysik und Reaktortechnik). 10Translation of Chapters 16 and 17 of report 11INR-4/66-5. 20 8p. 24Dep. NTIS.

26Instrumentation; reactor physics; translations 27 18D, 18K

28MN-80 29P NSA

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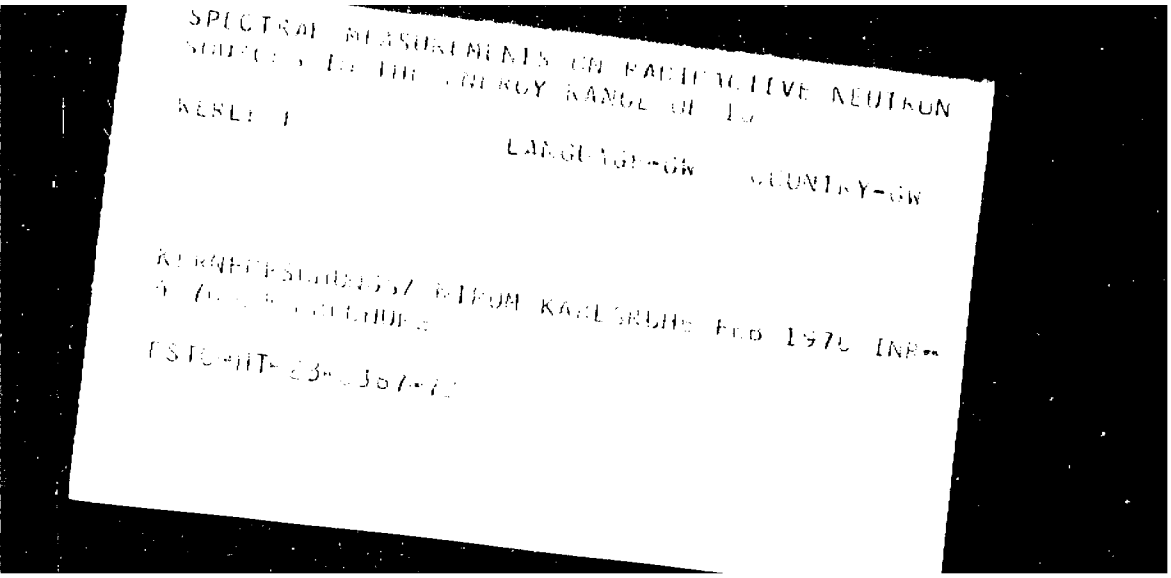

SPECTRAL MEASUREMENTS ON RADIOACTIVE NEUTRON

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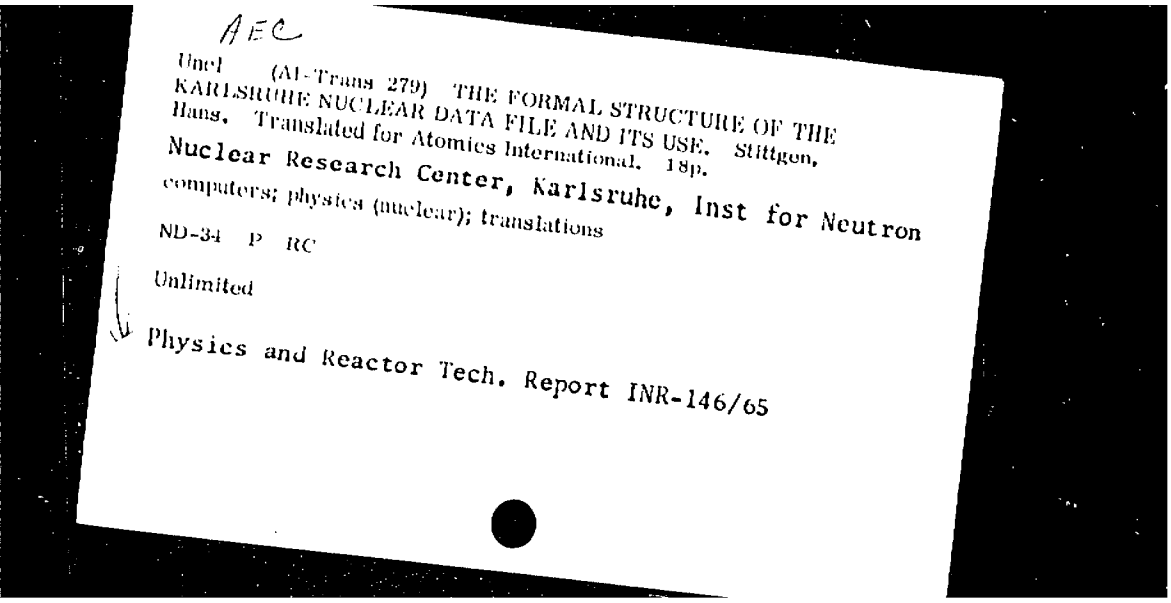

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Nuclear Research Center, Karlsruhe, Inst for Neutron

computers; physics (nuclear); translations

ND-34 P RC

Unlimited

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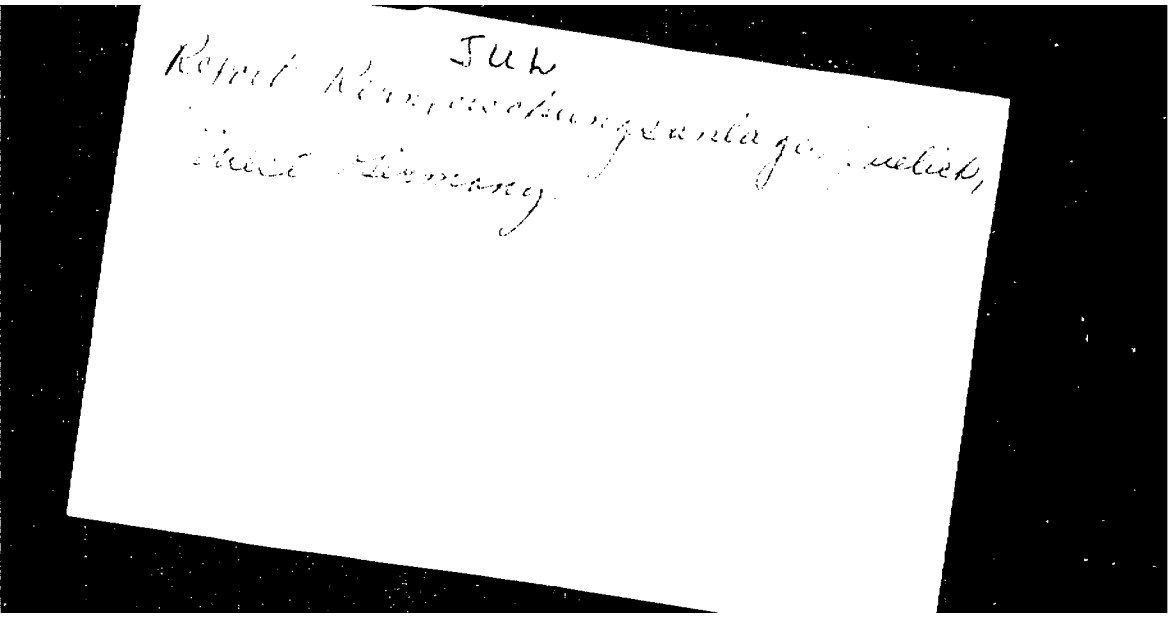

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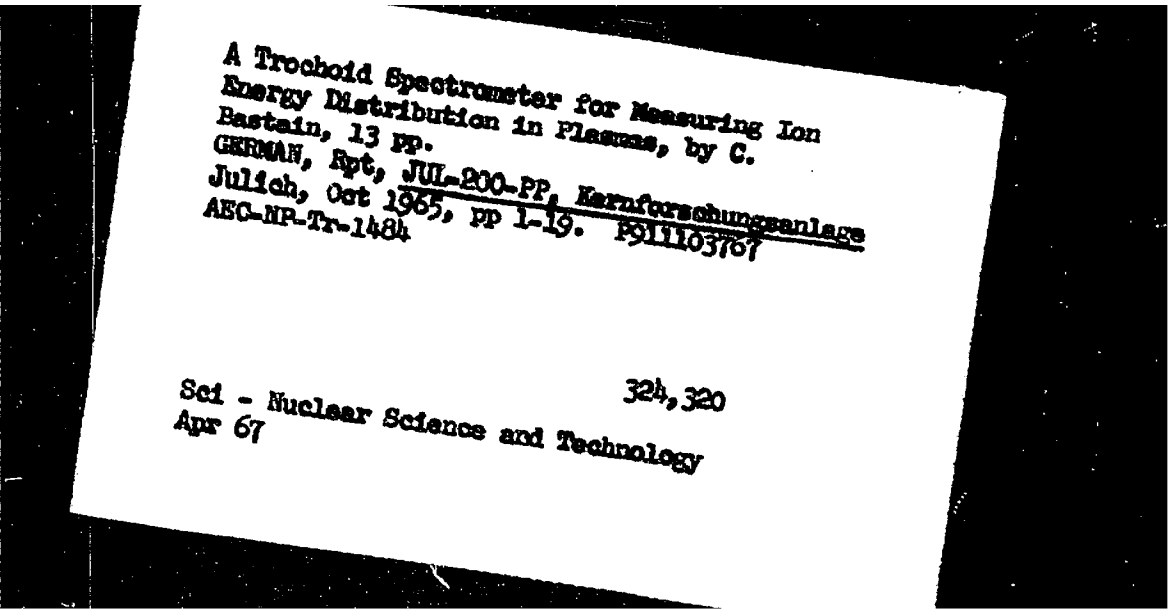

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Sci - Nuclear Science and Technology 324,320
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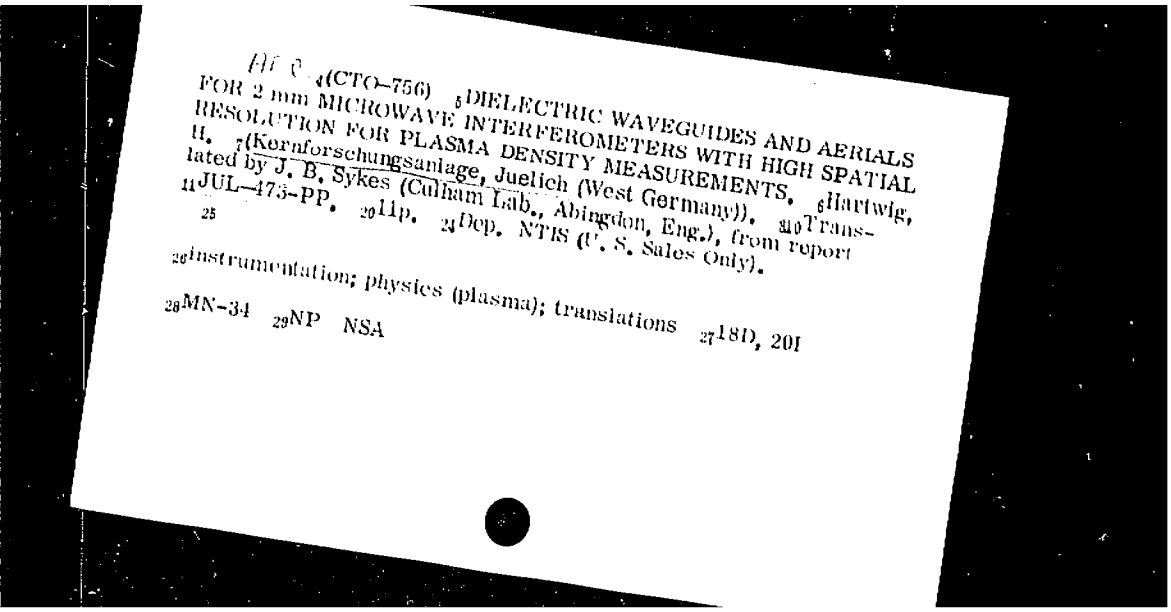

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instrumentation; physics (plasma); translations 18D, 20I

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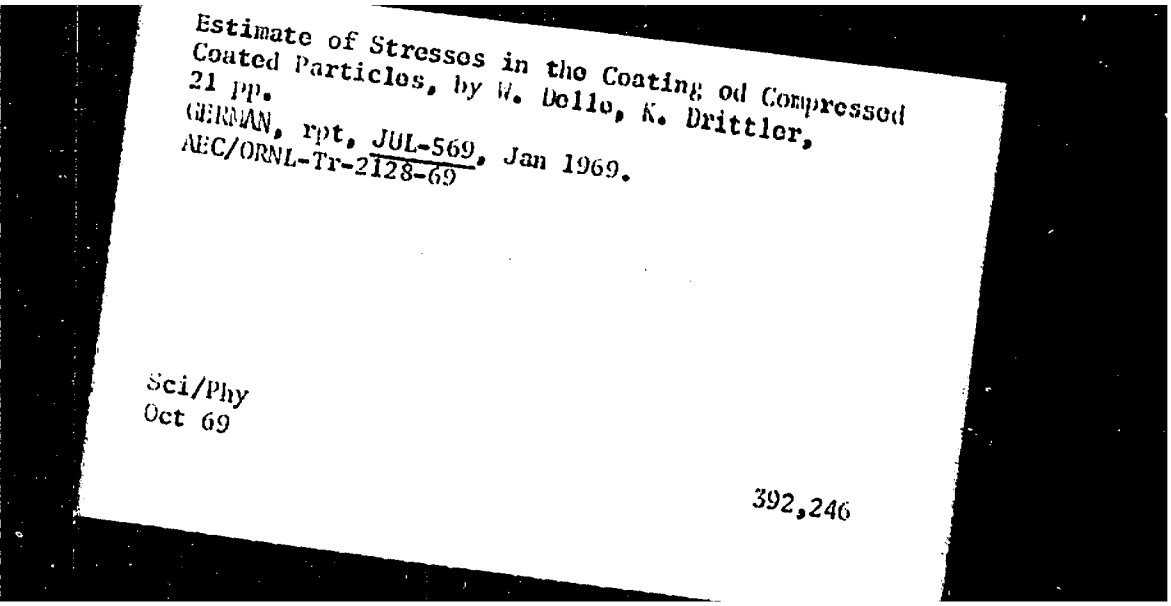

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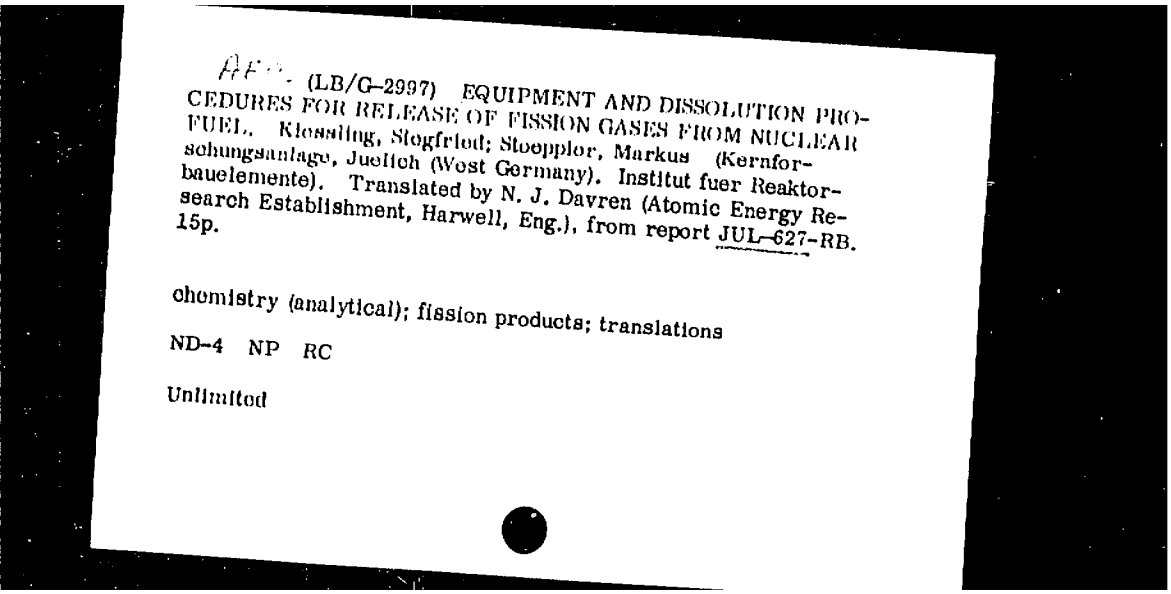

AEE (LB/G-2997) EQUIPMENT AND DISSOLUTION PROCEDURES FOR RELEASE OF FISSION GASES FROM NUCLEAR FUEL. Klessling, Siegfried; Stoeppler, Markus (Kernforschungsanlage, Juelich (West Germany). Institut fuer Reaktorbauelemente). Translated by N. J. Davren (Atomic Energy Research Establishment, Harwell, Eng.), from report JUL-627-RB. 15p.

chemistry (analytical); fission products; translations

ND-4 NP RC

Unlimited

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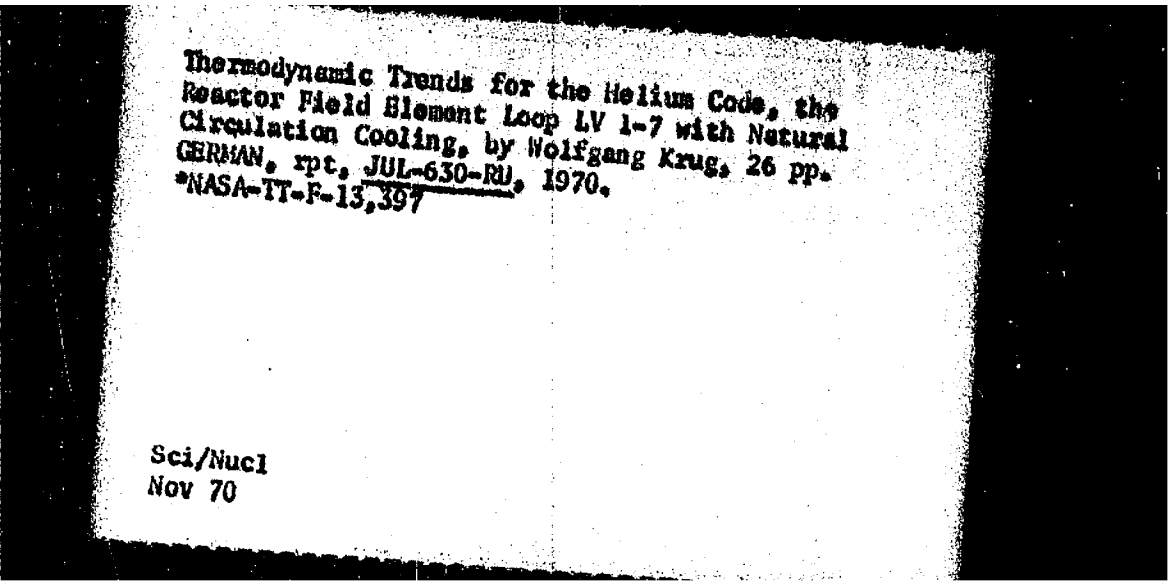

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Sci/Nucl
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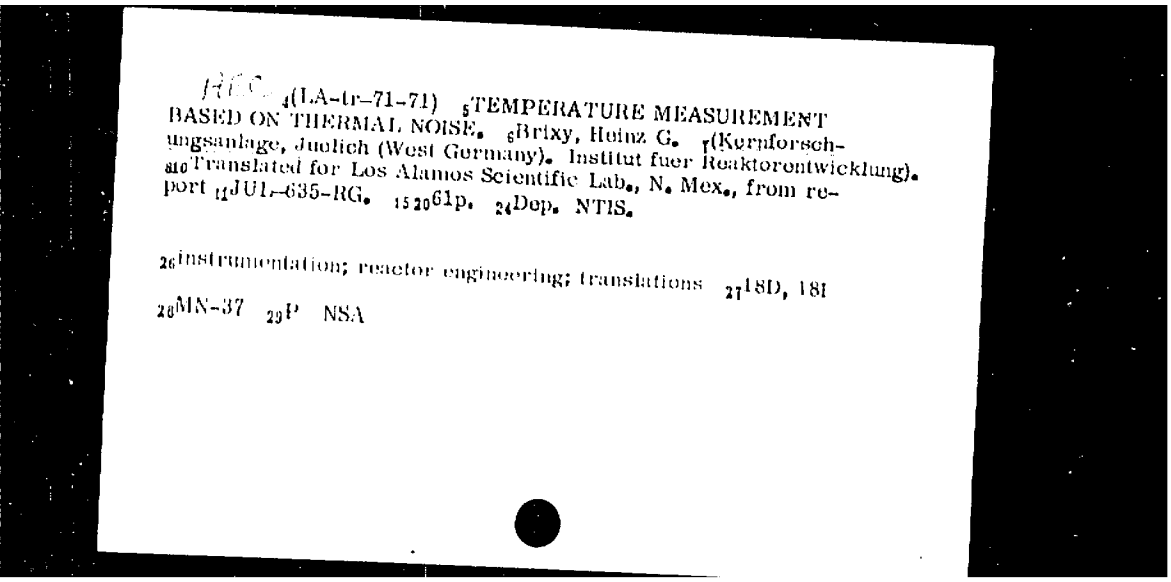

AEC 4(LA-tr-71-71) 5TEMPERATURE MEASUREMENT BASED ON THERMAL NOISE. 6Brixy, Heinz G. 7(Kernforschungsanlage, Juelich (West Germany). Institut fuer Reaktorentwicklung). 8,10Translated for Los Alamos Scientific Lab., N. Mex., from report 11JUL-635-RG. 15 20 61p. 24Dep. NTIS.

26Instrumentation; reactor engineering; translations 27 18D, 18I

28MN-37 29P NSA

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[illegible] 4(GERITR-2) 5MODEL STUDIES ON CONICAL FLUIDIZED BEDS. A CONTRIBUTION TO FUEL PARTICLE COATING. 6Wallroth, C.-F. 7(Kernforschungsanlage, Juelich (West Germany). Institut fuer Reaktorwerkstoffe). 10Translation of report 11JUL-669-RW. 20197p. 24Dep. NTIS.
25Thesis. Submitted to Technische Hochschule, Aachen, Ger. Work performed under United States-German High Temperature Reactor Research Exchange Program.

26reactor fuel; translations 27[illegible]18J

28MN-79 29P NSA

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[redacted]

4(GERHTR-3) 5PROCESS FOR THE IDENTIFICATION OF SPHERICAL FUEL ELEMENTS OF THE HIGH-TEMPERATURE REACTOR BY MEANS OF EMISSION SPECTRUM ANALYSIS AT 40 ATM HELIUM. 6Lingen, P. R. 7(Kernforschungsanlage, Juelich (West Germany). Institut fuer Reaktorwerkstoffe). 10 Translation of report 11JUL-671-RW. 20104p. 24Dep. NTIS. 25Thesis. Submitted to Technische Hochschule, Aachen, Ger. Work performed under United States-German High Temperature Reactor Research Exchange Program.

26reactor fuel; translations 21l8J

28MN-79 29P NSA

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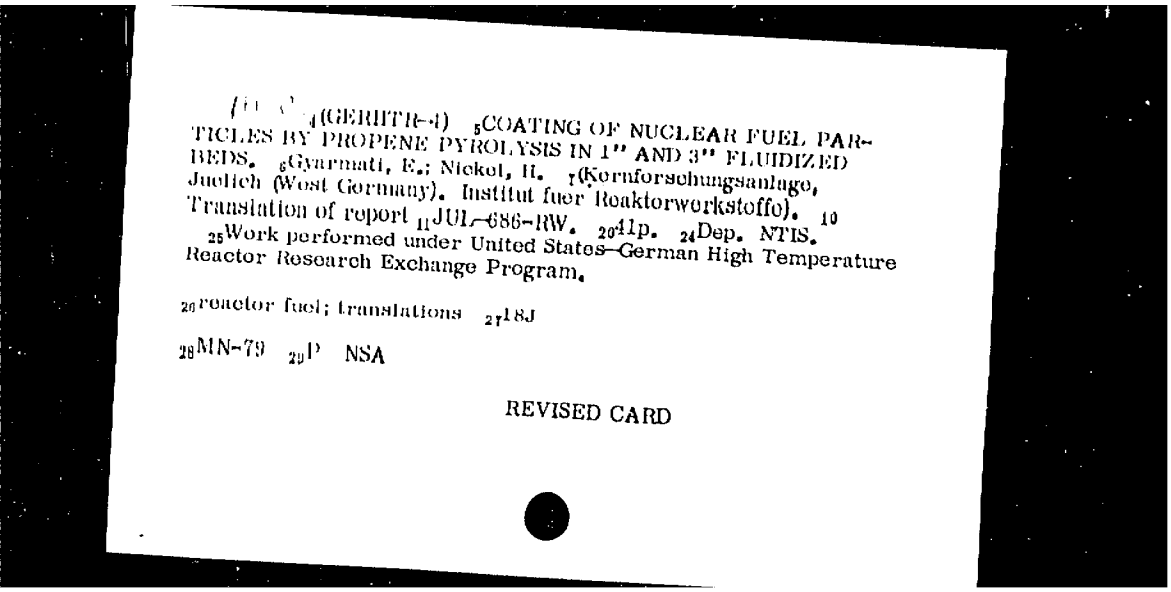

[illegible] 4(GERITH-4) 5COATING OF NUCLEAR FUEL PARTICLES BY PROPENE PYROLYSIS IN 1" AND 3" FLUIDIZED BEDS. 6Gyarmati, E.; Nickel, H. 7(Kernforschungsanlage, Juelich (West Germany). Institut fuer Reaktorwerkstoffe). 10 Translation of report 11JUL-686-RW. 20 41p. 24Dep. NTIS. 25Work performed under United States-German High Temperature Reactor Research Exchange Program.

26reactor fuel; translations 27 18J

28MN-79 29P NSA

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[redacted] 4(GERITH-8) 5APPARATUS FOR MEASURING THE RELEASE OF FISSION GASES AND OTHER FISSION PRODUCTS BY DEGASSING. 8Stradal, Karl Alfred 7(Kernforschungsanlage, Juelich (West Germany). Institut fuer Reaktorwerkstoffe). 10 Translation of report 11JUL-707-RW. 2069p. 24Dep. NTIS. 25Thesis. Submitted to Technische Hochschule, Aachen, Ger. Work performed under United States-German High Temperature Reactor Research Exchange Program.

26fission products; reactor fuel; translations 27I8G, 18J

28MN-80 29P NSA

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[4](GERRITH-35) [5]DETERMINATION OF [235]U BURNUP IN THE REPROCESSING OF THORIUM-CONTAINING NUCLEAR FUELS. [6]Brodda, B.-G. [7](Kernforschungsanlage, Juelich (West Germany). Institut fuer Chemische Technologie). [10]Translation of report [11]JUL-715-CT. [20]14p. [24]Dep. NTIS.
[25]Work performed under United States–German High Temperature Reactor Research Exchange Program.

[26]chemistry (analytical); chemistry (radio- and radiation); chemistry (separation); reactor fuel; translations [27]07, 07E, 07A, 18J

[28]MN-1 [29]P NSA

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AEC (ORNL-tr-2599) STUDIES ON THE DIFFUSION OF METALLIC FISSION PRODUCTS AND HEAVY METALS IN THE COATING OF FUEL PARTICLES FOR HIGH-TEMPERATURE REACTORS. Engelhard, Juergen (Kernforschungsanlage, Juelich (West Germany). Institut fuer Reaktorentwicklung). Translated for Oak Ridge National Lab., Tenn., from report JUL-752-RG. 101p. Dep. NTIS.

reactor fuel; reactor materials; translations 18J

MN-25 P NSA

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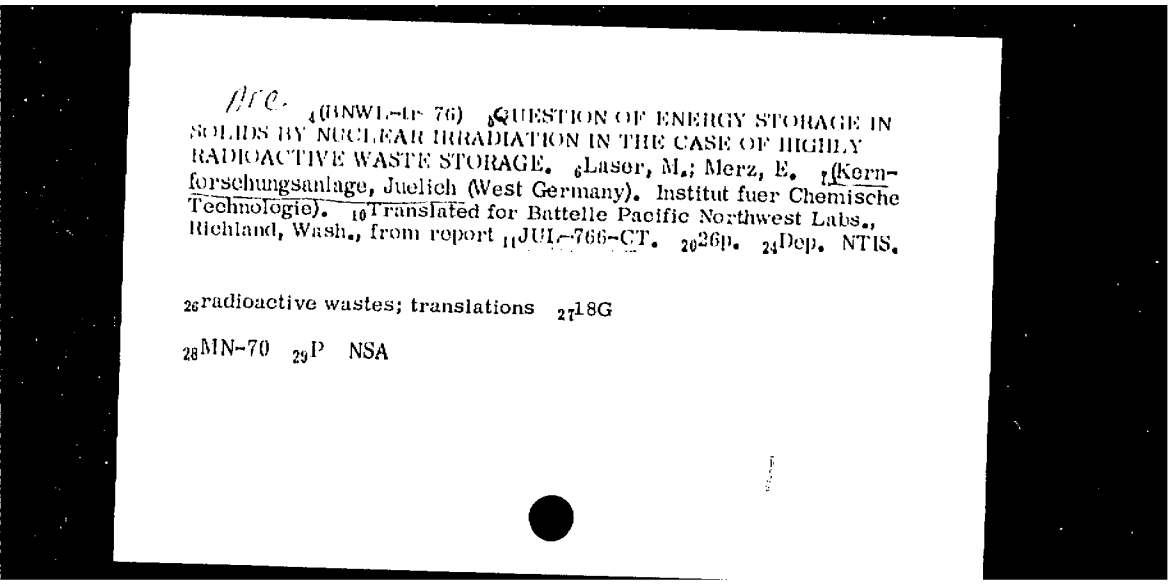

[illegible] 4(BNWL-tr-76) 5QUESTION OF ENERGY STORAGE IN SOLIDS BY NUCLEAR IRRADIATION IN THE CASE OF HIGHLY RADIOACTIVE WASTE STORAGE. 6Laser, M.; Merz, E. 7(Kernforschungsanlage, Juelich (West Germany). Institut fuer Chemische Technologie). 10Translated for Battelle Pacific Northwest Labs., Richland, Wash., from report 11JUL-766-CT. 20 26p. 24Dep. NTIS.

26radioactive wastes; translations 27 18G

28MN-70 29P NSA

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[4](ORNL-tr-2633) [5]STRUCTURE OF PROPYLENE-PYROCARBON COATINGS OF COATED FUEL PARTICLES AND ITS MODIFICATION BY ANNEALING. [5]Gyarmati, E.; Kolzlik, K.; Gupta, A. K. [7](Kernforschungsanlage, Juelich (West Germany). Institut fuer Reaktorwerkstoffe). [10]Translated for Oak Ridge National Lab., Tenn., from report [11]JUL-795-RW. [20]22p. [24]Dop. NTIS.

[26]reactor fuel; translations [27]18J

[28]MN-25 [29]P NSA

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[illegible] [4](ORNL-tr-2634) [5]ULTRASONIC STUDIES OF THE STRUCTURE OF ISOTROPIC PYROCARBON COATINGS ON COATED PARTICLES. [6]Sueltorlin, L.; Buosch, H.; Luhleich, H.; Nickel, H.; Hoven, H. [7](Kernforschungsanlage, Juelich (West Germany). Institut fuer Reaktorwerkstoffe). [10]Translated for Oak Ridge National Lab., Tenn., from report [11]JUL-798-RW. [20]41p. [24]Dep. NTIS.

[26]reactor fuel; reactor materials; translations [27]18J

[28]MN-25 [29]P NSA

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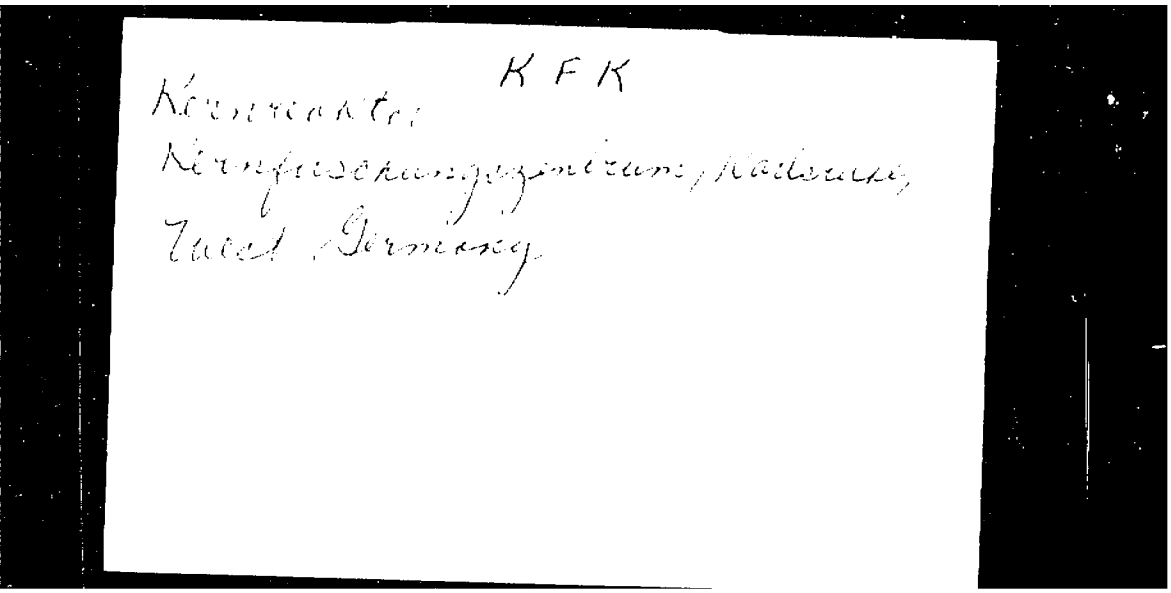

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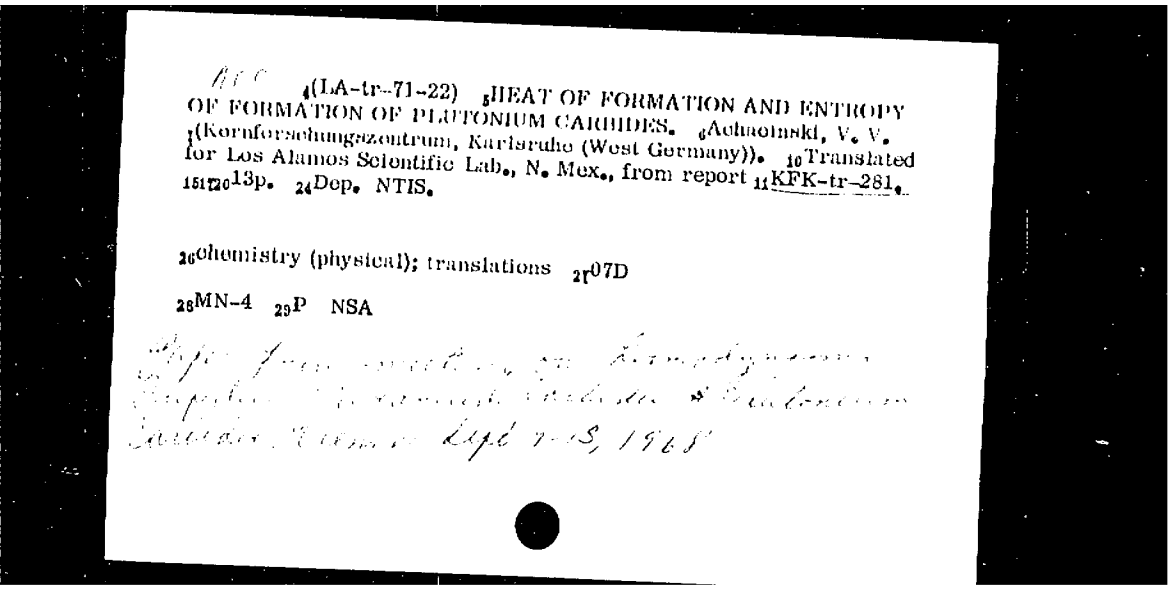

4(LA-tr-71-22) 5HEAT OF FORMATION AND ENTROPY OF FORMATION OF PLUTONIUM CARBIDES. 6Achmolnski, V. V. 7(Kernforschungszentrum, Karlsruhe (West Germany)). 10Translated for Los Alamos Scientific Lab., N. Mex., from report 11KFK-tr-281. 15172013p. 24Dep. NTIS.

26Chemistry (physical); translations 21D07D

28MN-4 29P NSA

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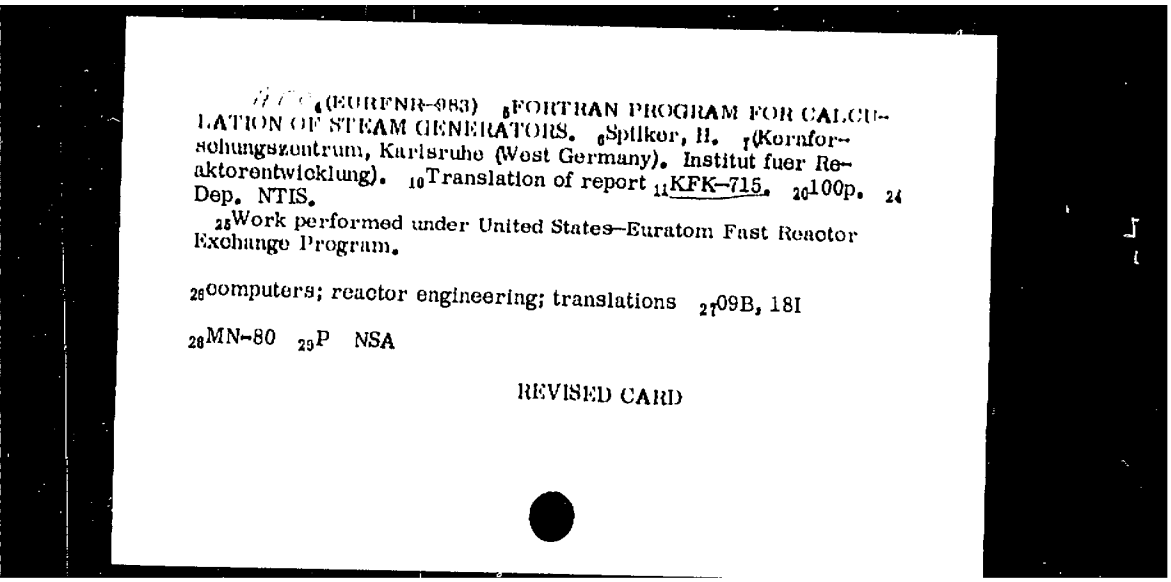

4(EURFNR-983) 5FORTRAN PROGRAM FOR CALCULATION OF STEAM GENERATORS. 6Spilker, H. 7(Kernforschungszentrum, Karlsruhe (West Germany). Institut fuer Reaktorentwicklung). 10Translation of report 11KFK-715. 20100p. 24 Dep. NTIS.

25Work performed under United States-Euratom Fast Reactor Exchange Program.

26computers; reactor engineering; translations 27090, 181

28MN-80 29P NSA

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July 69

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July 69

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[26]chemistry (organic); translations [27]07C

[28]MN-4 [29]NP NSA

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Scl/Nucl
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[illegible] C [4](EURFNR-888) [5]AQUEOUS REPROCESSING OF FAST BREEDER FUEL ELEMENTS. COMMON EXTRACTION AND SEPARATION OF MACROQUANTITIES OF PLUTONIUM AND URANIUM IN THE PUREX PROCESS. [6]Ochsenfeld, W.; Schmieder, H.; Theiss, S. [7](Kernforschungszentrum, Karlsruhe (West Germany). Institut fuer Heisse Chemie). [10]Translation of report [11]KFK-911. [20]104p. [24]Dep. NTIS.

[25]Work Performed under United States-Euratom Fast Reactor Exchange Program.

[26]chemistry (separation); reactor fuel [27]07A, 18J

[28]MIN-10 [29]P NSA

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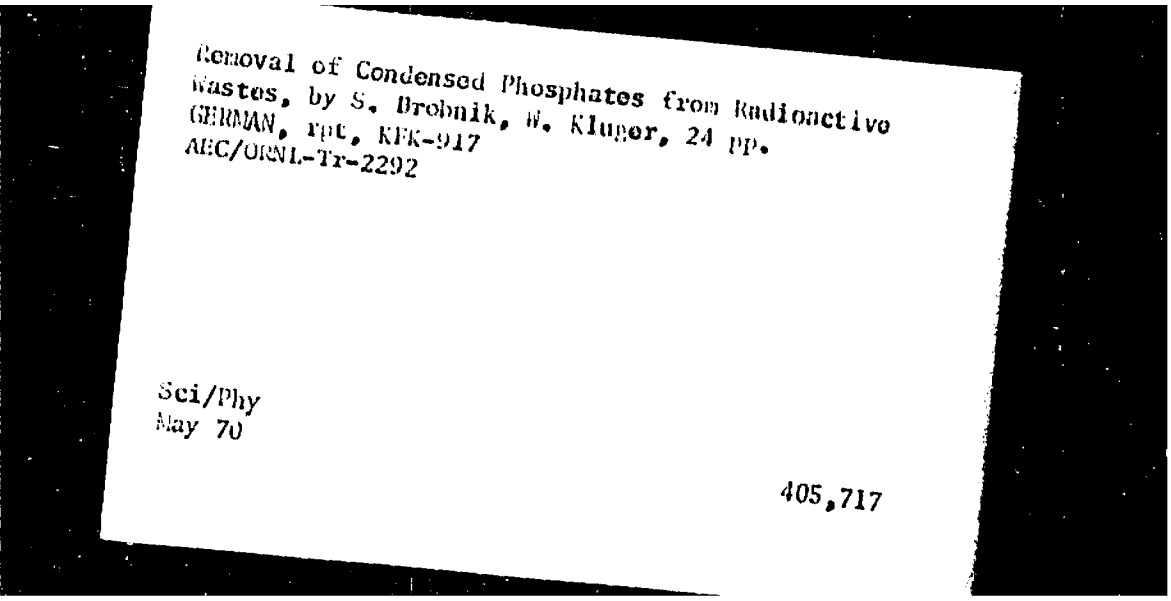

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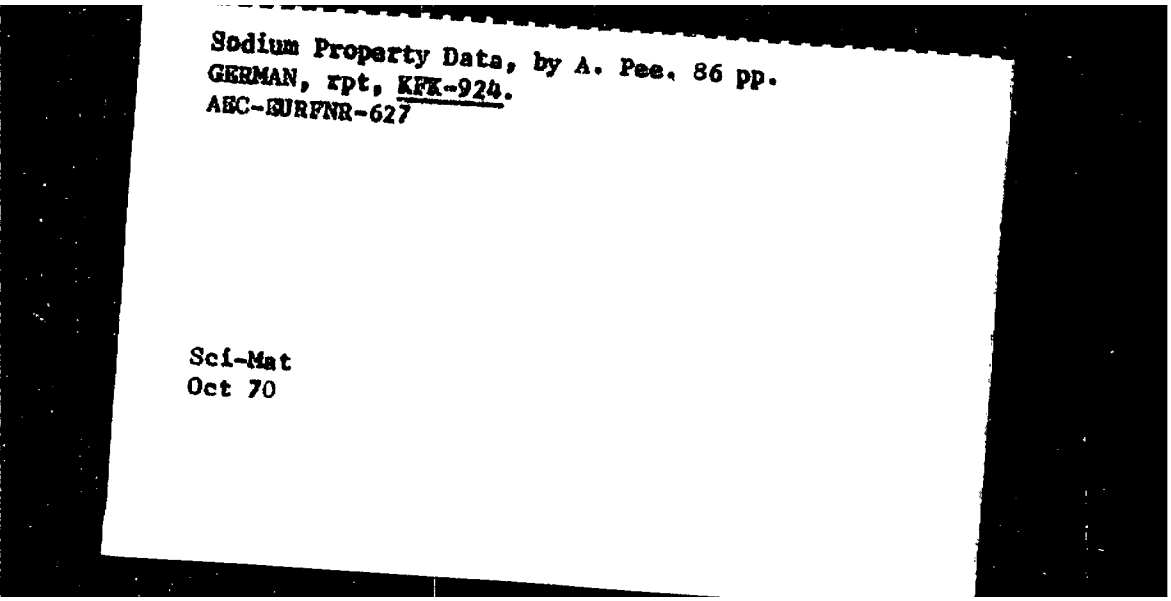

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GERMAN, rpt, KFK-924.
AEC-tr-FNR-627

Sci-Mat
Oct 70

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AEC/EURFNR-628

Sci/Nucl
Mar 70

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AEC-EURFNR-656

Sci-Nucl Sci
Oct 70

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AEC-EURFNR-683

Sci-Phys
Oct 70

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AEC-EURFNR-679

Sci-Phys
Oct 70

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AEC-EURFNR-685

Sci-Mat
Oct 70

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AEC-EURFNR-680

Sci-Phys
Oct 70

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Work performed under United States-Euratom Fast Reactor Exchange Program.
corrosion; reactor materials; translations 11F, 18J

MN-25 P NSA

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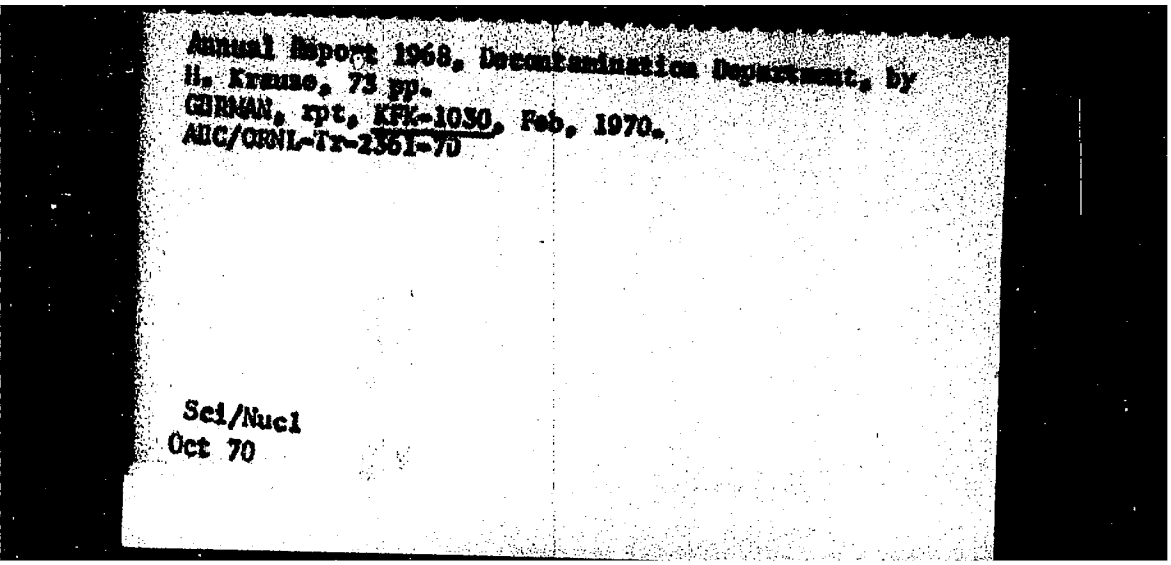

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Work performed under United States-Euratom Fast Reactor Exchange Program.

reactor engineering; reactors-research; translations 18I, 18M

MN-80 P NSA

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reactor fuels; translations

ND-80 NP RC

Unlimited

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by the Modified Bethetait-Method in r,z
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GERMAN, rpt, KFK-1044.
AEC-EURFNR-703

Sci-Phys
Oct 70

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AEC (ORNL-tr-2365) PREPARATION OF URANIUM MONONITRIDE PELLETS OF DIFFERING DENSITIES BY COLD PRESSING AND SINTERING. Stehmanns, W. (Kernforschungszentrum, Karlsruhe (West Germany). Institut fuer Material- und Festkoerperforschung). Translated by R. Gregg Mansfield (Oak Ridge National Lab., Tenn.), from report KFK-1049. 15 17p. Dep. NTIS.

metallurgy; reactor materials; translations 11F, 18J

MN-25 P NSA

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[25]Work Performed under United States-Euratom Fast Reactor Exchange Program.

[26]reactor safety; reactor physics [27]18I, 18K

[28]MN-80 [29]P NSA

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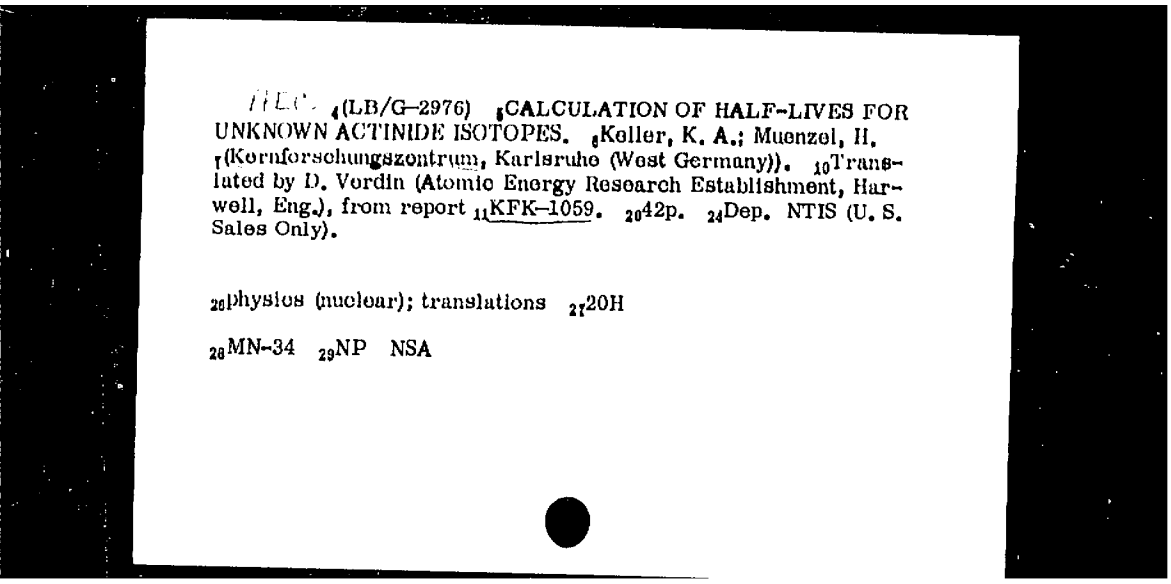

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26physics (nuclear); translations 2720H

28MN-34 29NP NSA

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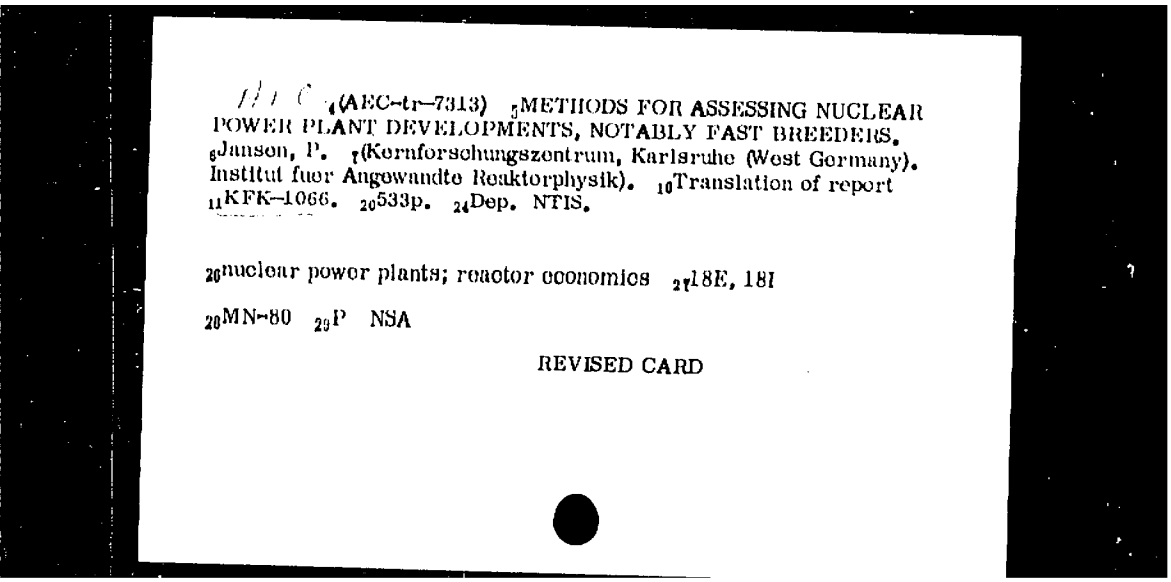

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20nuclear power plants; reactor economics 21l8E, 18I

20MN-80 29P NSA

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25Work Performed under United States-Euratom Fast Reactor Exchange Program.

26chemistry (analytical); reactor fuels 27 07, 18J

28MN-4 29P NSA

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25Work Performed under United States–Euratom Fast Reactor Exchange Program.

26chemistry (analytical); translations 27 07

28MN-4 29P NSA

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Work Performed under United States–Euratom Fast Reactor Exchange Program.

heat transfer; reactor engineering 20M, 18I

MN-80 P NSA

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[4](EURFNR-757) [5]STATIC METHOD FOR SUBCRITICALITY DETERMINATION IN FAST BREEDERS. [8]Glaumer, H. W.; Housener, G. [7](Kernforschungszentrum, Karlsruhe (West Germany). Institut fuer Reaktorentwicklung). [10]Translation of report [11]KFK-1148. [20]11p. [24]Dep. CFSTI.

Work performed under United States-Euratom Fast Reactor Exchange Program.

[26]reactor safety; reactor physics; translations [27]18I, 18K

[28]MN-80 [29]P NSA

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[redacted]

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25Work Performed under United States-Euratom Fast Reactor Exchange Program.

26metallurgy 27IIF

28MN-25 29P NSA

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[4](EURFNR-785) [5]THE SOLUBILITY OF INERT GASES IN THE REACTOR COOLANT SODIUM AND RELATED SAFETY PROBLEMS. [6]Thormeier, K. [7](Kernforschungszentrum, Karlsruhe (West Germany). Institut fuer Reaktorentwicklung). [10]Translation of report [11]KFK-1166. [20]117p. [24]Dep. NTIS.

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[26]reactor safety [27]18I

[28]MN-80 [29]P NSA

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reactor engineering; reactor fuels 18I, 18J

MN-80 P NSA

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[26]reactor materials; translations [27]18J

[28]MN-25 [29]P NSA

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